

**Table S1** The interobserver agreement of CT features for stage I lung adenocarcinoma

CT features	Kappa value/ICC	95% confidence interval
TDR <sup>§</sup>	0.970	0.960, 0.978
Long-axis Diameter <sup>§</sup>	0.994	0.991, 0.996
Short-axis Diameter <sup>§</sup>	0.994	0.992, 0.996
Shape <sup>†</sup>	0.865	0.799, 0.930
Lobulation <sup>†</sup>	0.605	0.491, 0.719
Border <sup>†</sup>	0.684	0.565, 0.802
Spiculation <sup>†</sup>	0.663	0.573, 0.754
Texture <sup>†</sup>	0.894	0.833, 0.955
Vacuolation <sup>†</sup>	0.678	0.560, 0.796
Air bronchogram <sup>†</sup>	0.721	0.619, 0.823
bronchial truncation <sup>†</sup>	0.975	0.942, 1.008
Vascular invasion <sup>†</sup>	0.704	0.600, 0.808
Vascular convergence <sup>†</sup>	0.673	0.546, 0.800
Thickened bronchovascular bundle <sup>†</sup>	0.777	0.669, 0.885
Fissure attachment <sup>†</sup>	0.972	0.933, 1.011
Pleural attachment <sup>†</sup>	0.958	0.911, 1.005
Pleural retraction <sup>†</sup>	0.837	0.727, 0.947
Peripheral emphysema <sup>†</sup>	0.747	0.622, 0.872
Peripheral fibrosis <sup>†</sup>	0.918	0.840, 0.996

<sup>§</sup>Intraclass correlation coefficient (ICC) was calculated for continuous variables. <sup>†</sup>Weighted Kappa coefficient was calculated for ordered categorical variables. <sup>‡</sup>Cohen's kappa coefficient was calculated for unordered categorical variables.